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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/23/2004

D. Scott Moore Myers Bigel Sibley & Sajovec Post Office Box 37428 Raleigh, NC 27627 EXAMINER

POTTER, ROY KARL

ART UNIT PAPER NUMBER

2822

DATE MAILED: 11/23/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,968	09/16/2003	Jae-Goo Lee	5649-835DV	2666

TITLE OF INVENTION: INTEGRATED CIRCUIT DEVICES FORMED THROUGH SELECTIVE ETCHING OF AN INSULATION LAYER TO INCREASE THE SELF-ALIGNED CONTACT AREA ADJACENT A SEMICONDUCTOR REGION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	02/23/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

appropriate. All further corr	respondence including the F elow or directed otherwise	Patent, advance ord	ders and notification	of maintenance fees	aired). Blocks 1 through 5 si will be mailed to the current s; and/or (b) indicating a sepa	correspondence address as	
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)	· · · ·	Fee(s) Transmittal. The papers. Each addition	f mailing can only be used for his certificate cannot be used all all paper, such as an assignment te of mailing or transmission.	for any other accompanying	
D. Scott Moore Myers Bigel Sibley Post Office Box 37- Raleigh, NC 27627	& Sajovec 428			Ce I hereby certify that t States Postal Service addressed to the Ma	ertificate of Mailing or Transhis Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the control of the sufficient of	g deposited with the United st class mail in an envelope above, or being facsimile	
						(Depositor's name)	
						(Signature)	
						(Date)	
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nonprovisional	NO	\$1370		\$300	\$1670	02/23/2005	
EXAM	INER	ART UNIT		LASS-SUBCLASS]		
POTTER, R	OY KARL	2822		257-774000			
"Fee Address" indicat	e address or indication of "Fe ence address (or Change of 62) attached. ion (or "Fee Address" Indica or more recent) attached. Use	Correspondence	(1) the names of or agents OR, alto (2) the name of a registered attorne	single firm (having as y or agent) and the nan it attorneys or agents. I	a member a 2 nes of up to		
3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI	an assignee is identified be 37 CFR 3.11. Completion of	elow, no assignee of this form is NOT	data will appear on Γ a substitute for filing	the patent. If an assig	nee is identified below, the d	locument has been filed for	
Please check the appropriate	assignee category or catego	ries (will not he nri	inted on the patent):	☐ Individual ☐ 6	Corporation or other private gr	oun entity Government	
4a. The following fee(s) are			. Payment of Fee(s):	•			
☐ Issue Fee			A check in the amount of the fee(s) is enclosed.				
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of	Copies		The Director is Deposit Account No		charge the required fee(s), or (enclose an extra c		
5. Change in Entity Status	(from status indicated above	···			(410.000 411 41144	opy or and remay	
	MALL ENTITY status. See		☐ b. Applicant is n	o longer claiming SMA	ALL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) v rds of the United States Pate	te Fee and Publicat will not be accepted ant and Trademark	tion Fee (if any) or to I from anyone other Office.	re-apply any previous than the applicant; a reg	sly paid issue fee to the applications gistered attorney or agent; or t	ation identified above. he assignee or other party in	
Authorized Signature				Date			
Typed or printed name				Registratio	n No		
This collection of informatio an application. Confidentiali	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The information 122 and 37 CFR	n is required to obta	in or retain a benefit by is estimated to take 12	the public which is to file (an minutes to complete, including	d by the USPTO to process) ag gathering, preparing, and	

an application. Confidentiality is governed by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USP1O to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Myers Bigel Sibley Post Office Box 37		ART UNIT	PAPER NUMBER		
Raleigh, NC 27627	7		2822		
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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 21 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 21 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.